

IN THE CLAIMS

For the Examiner's convenience, all pending claims are included below.

1. (Amended) ~~A bearing~~Bearing housing for accommodating a rotor shaft of a wind turbine, comprising:
 - a flange (12) for connecting the bearing housing to a main frame (30) of the wind turbine;
 - the flange having a connecting surface to be attached to the main frame, wherein ~~whereby~~ at least parts of the connecting surface, when seen from the top of the bearing housing, would be located below the rotor shaft (33).
2. (Amended) ~~The bearing~~Bearing housing according to claim 1, wherein ~~whereby~~
 - the flange (12) has a connecting surface that can be averaged by a plane (41); and
 - wherein ~~whereby~~ the plane is inclined with respect to the rotor shaft axis (13) by an angle of at least 20°.
3. (Cancelled)
4. (Cancelled)
5. (Amended) ~~The bearing~~Bearing housing according to claim 1 ~~any of the preceding claims~~, wherein ~~whereby~~ the connecting surface (51, 52) is arranged in one plane.

6. (Amended) The bearing ~~Bearing~~ housing according to claim 1 ~~any of the~~ ~~preceding claims~~, wherein ~~whereby~~ the bearing housing is essentially a single cast iron component (11).

7. (Amended) The bearing ~~Bearing~~ housing according to claim 1 ~~any of the~~ ~~preceding claims~~, wherein ~~whereby~~ the flange (12) comprises openings (53) for fastening means, and wherein ~~whereby~~ at least in sections, these openings are arranged along a curvature.

8. (Amended) The bearing ~~Bearing~~ housing according to claim 1 ~~any of the~~ ~~preceding claims~~, wherein ~~whereby~~ the bearing housing is suitable for accommodating two bearings (21, 22) for holding the rotor shaft.

9. (Amended) The bearing ~~Bearing~~ housing according to claim 1 ~~any of the~~ ~~preceding claims~~, wherein ~~whereby~~ the two bearings are a locating bearing (21) and a floating bearing (22).

10. (Amended) The bearing ~~Bearing~~ housing according to claim 1 ~~any of the~~ ~~preceding claims~~, wherein ~~whereby~~ the flange has a thickness (d) below 120 mm.

11. (Original) The bearing ~~Bearing~~ housing according to claim 1 ~~any of the~~ ~~preceding claims~~, wherein ~~whereby~~ the connecting surface of the flange of the bearing housing is continuous.

12. (Original) ~~The bearing~~ Bearing housing according to claim 1 ~~any of the preceding claims, wherein whereby~~ the connecting surface of the flange of the bearing housing has an area of at least 1.5 m^2 .

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Amended) ~~A wind~~ Wind turbine comprising: ~~according to claim 17 whereby~~ the bearing housing defined in claim 1; ~~comprises the features of any of claims 1 to 12~~

a tower defining a z-axis;

a rotor;

a rotor shaft defining an x-axis, the axis of the rotor shaft being located at a y-position y_s and the rotor having a radius r ; and

a main frame.

17. (New) The wind turbine defined in claim 16 wherein the flange comprises a connecting surface which is partly positioned at a z-position below the rotor shaft and at the same time at a y-position between y_s-r and y_s+r .